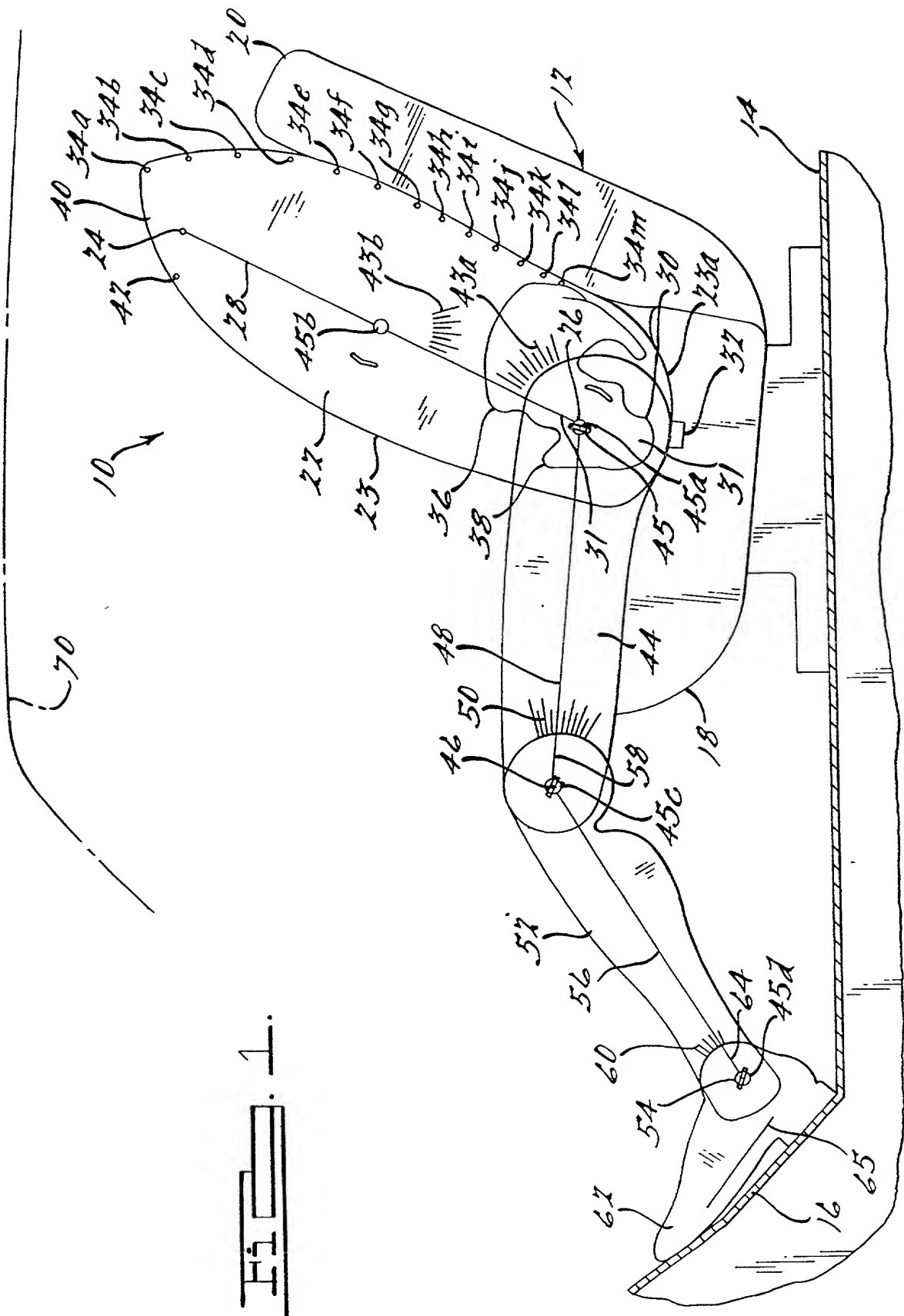


FIG. 1.



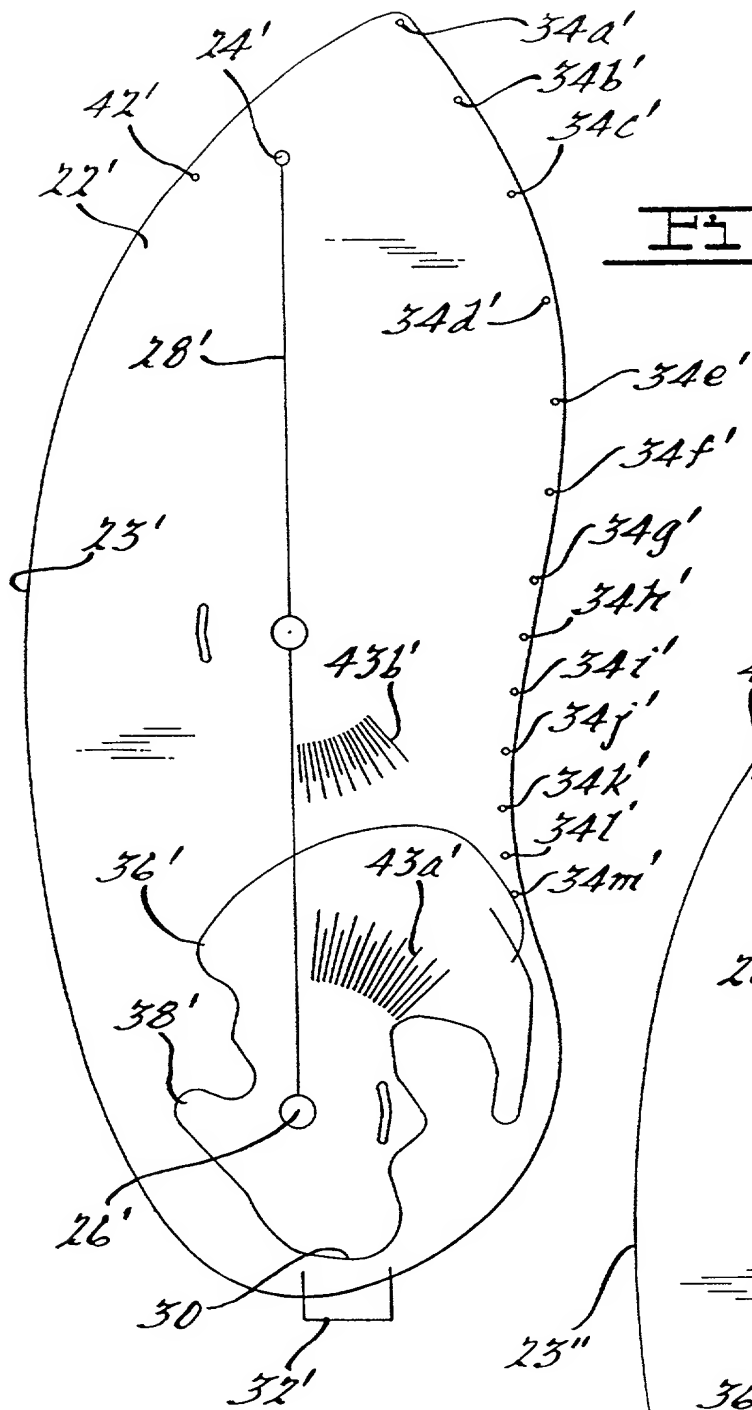


FIG. 2.

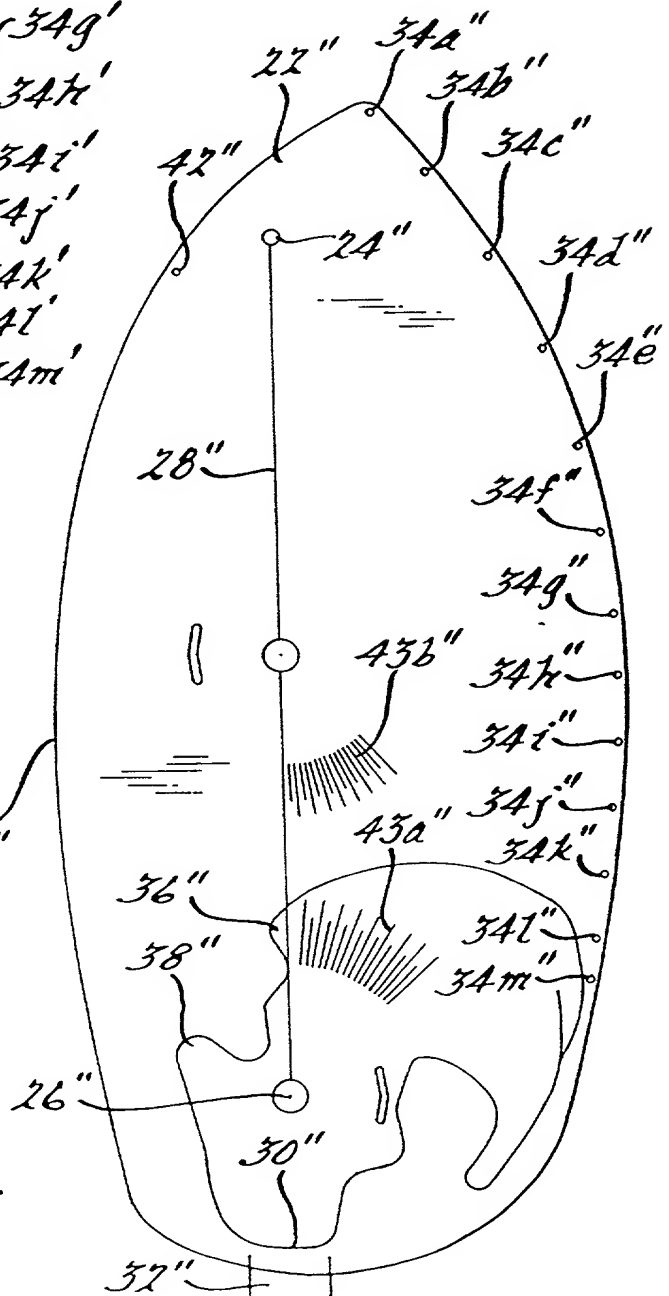


FIG. 3.

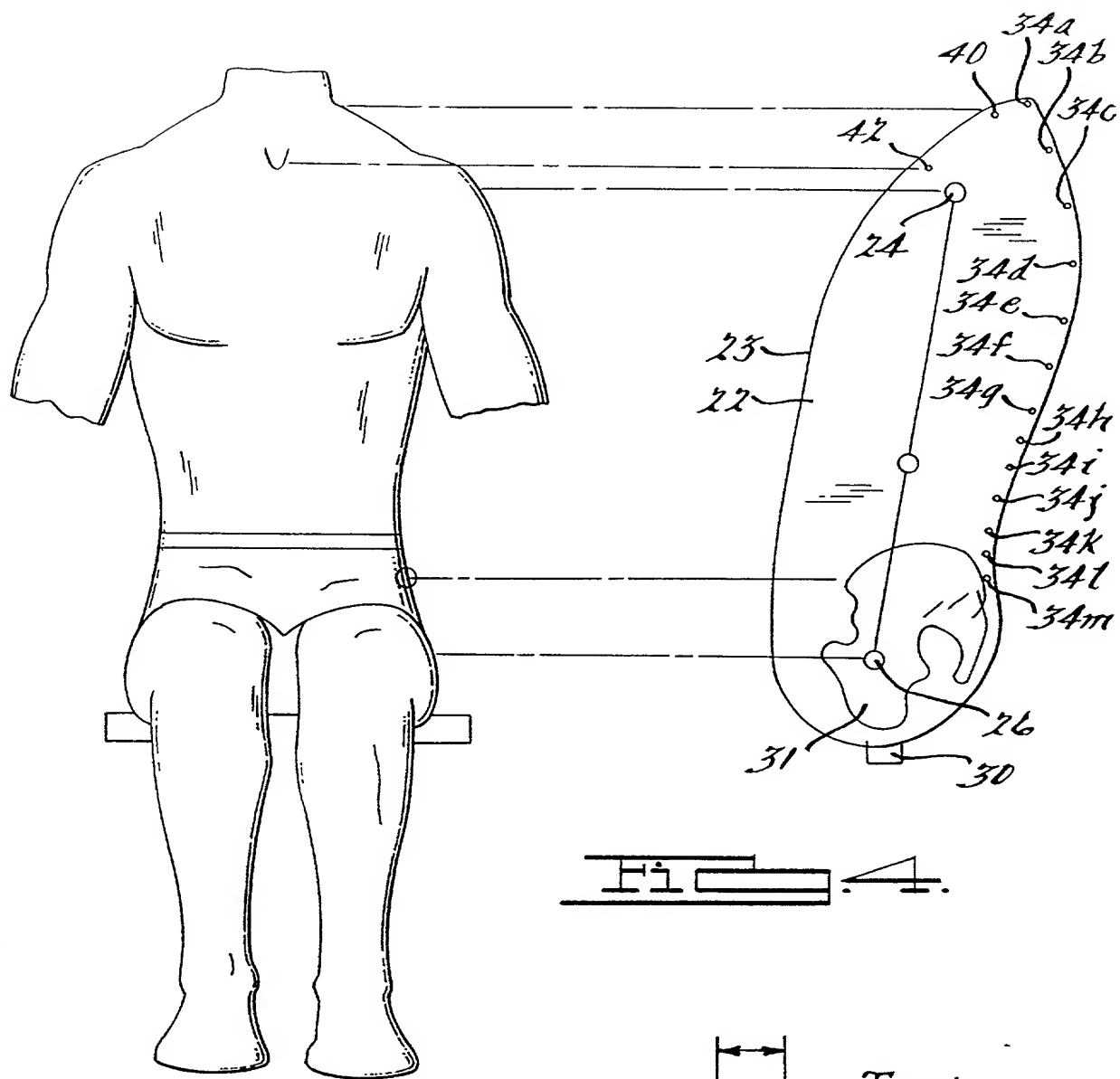


FIG. 4.

FIG. 5.

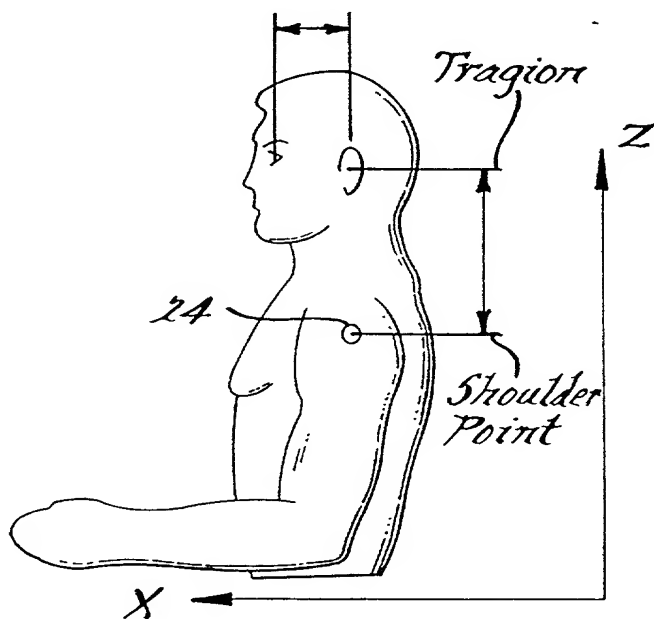
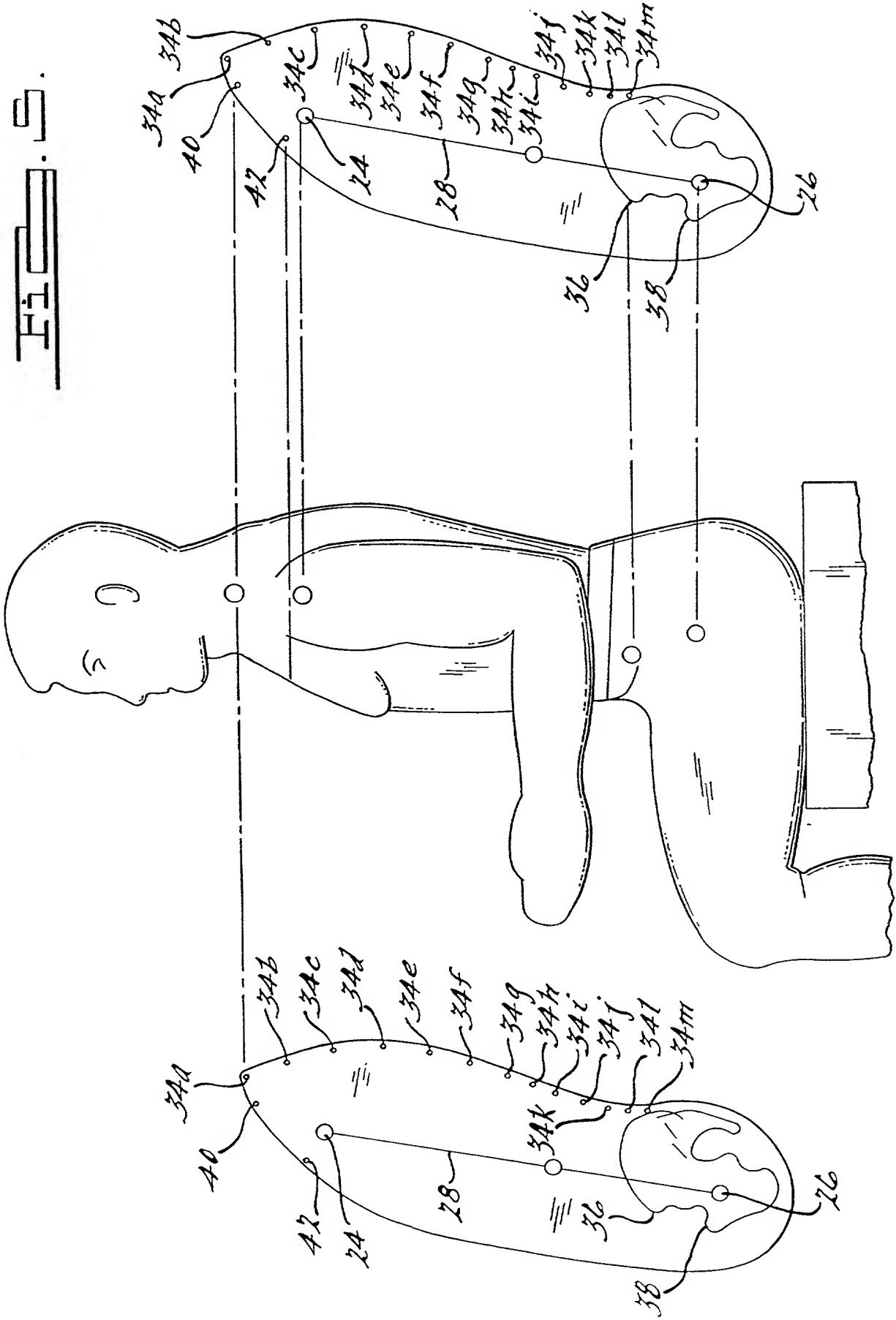


FIG. 5.



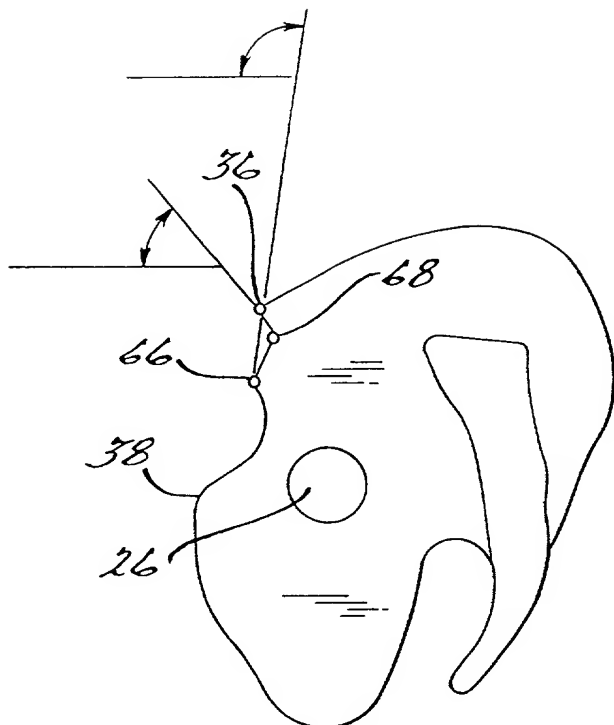


Fig. 7.

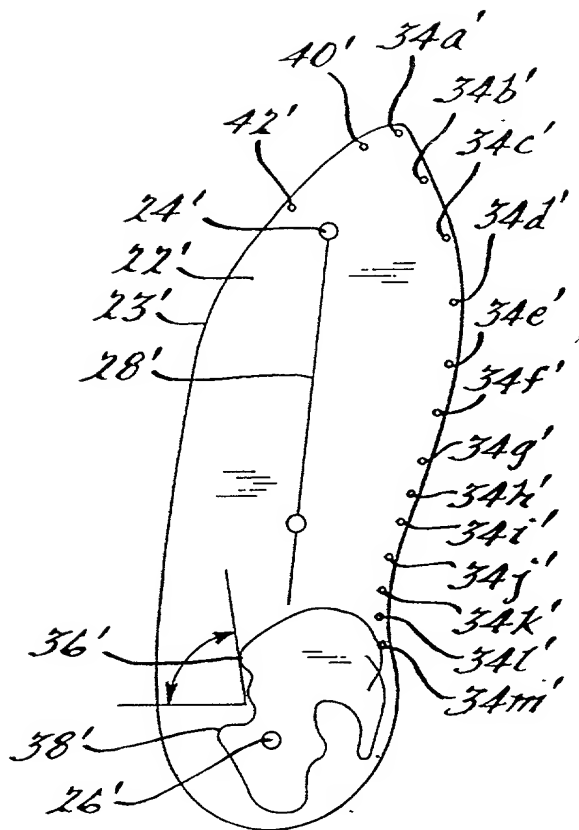


Fig. 8.

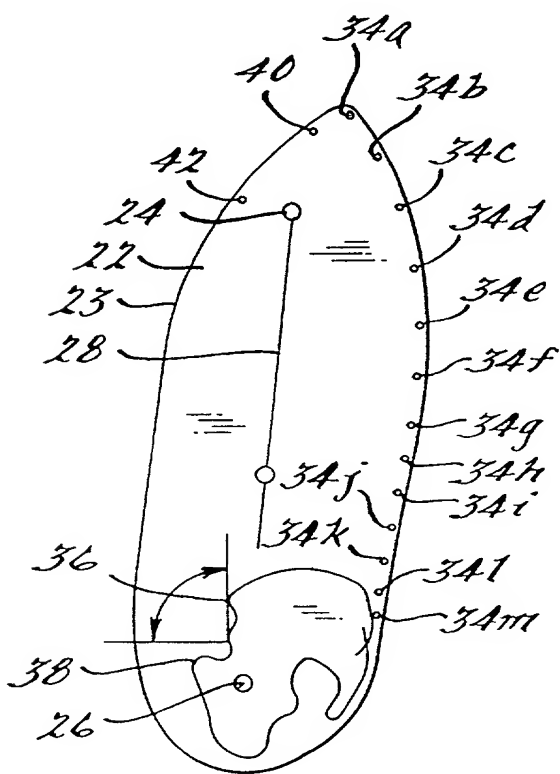


Fig. 9.

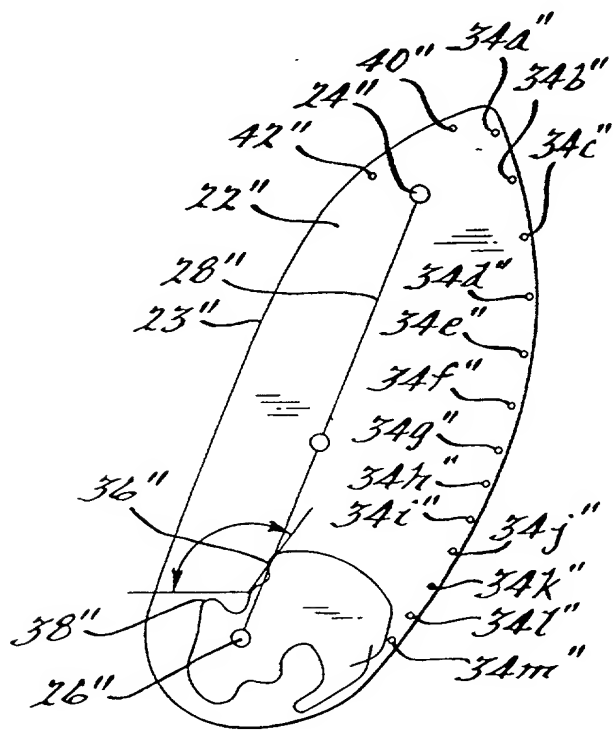


Fig. 10.

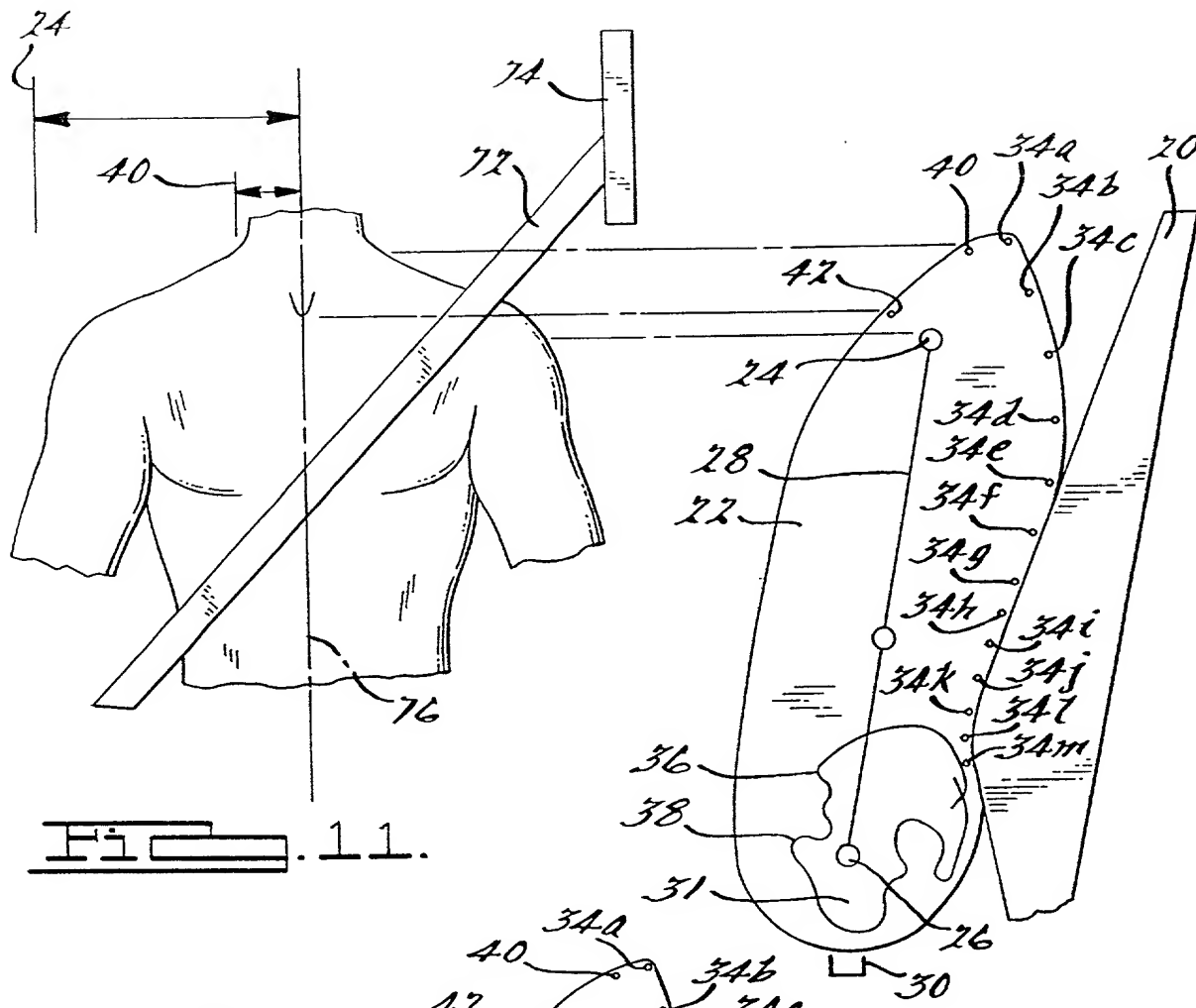


FIG. 11.

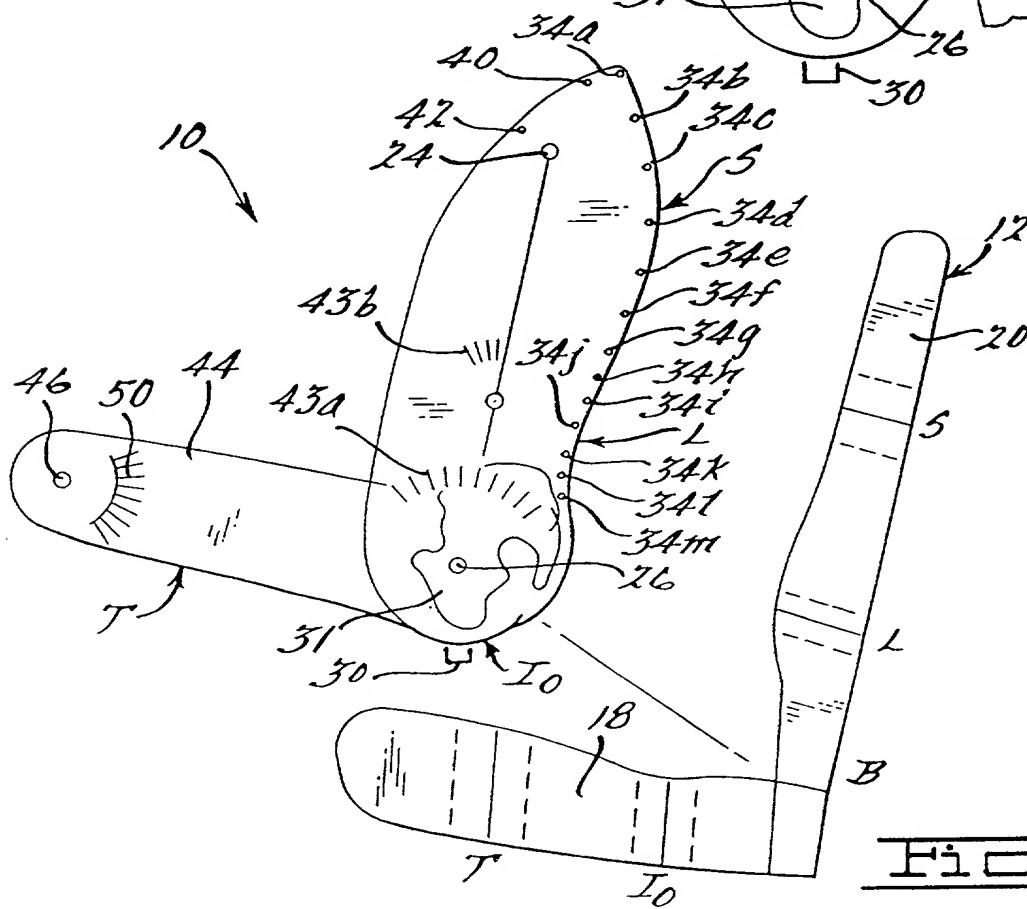
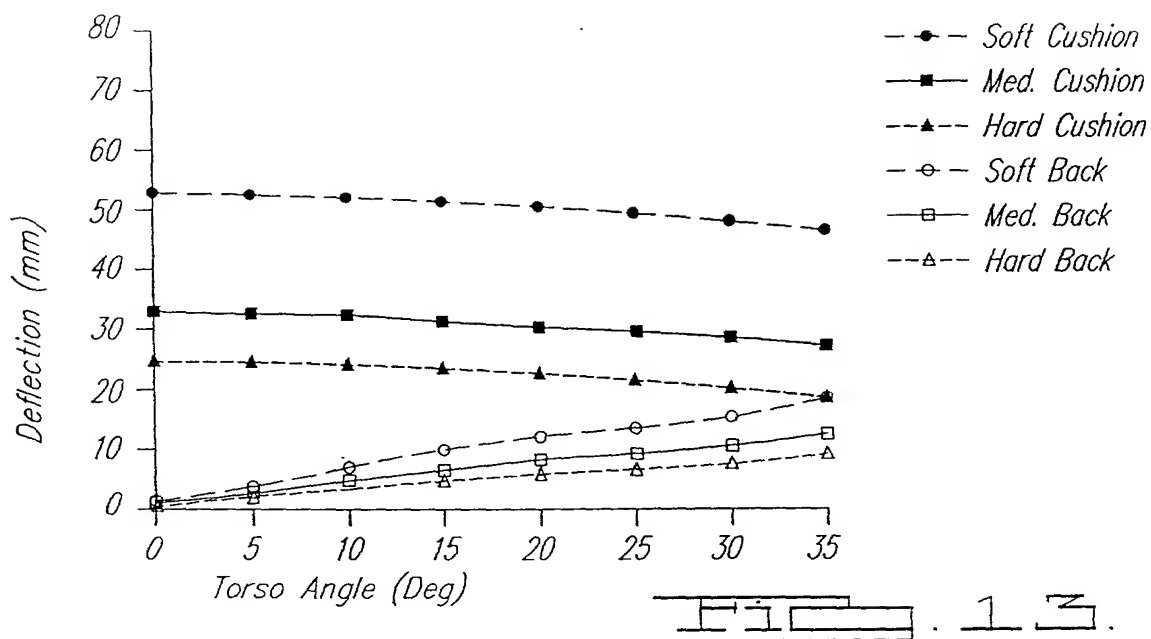
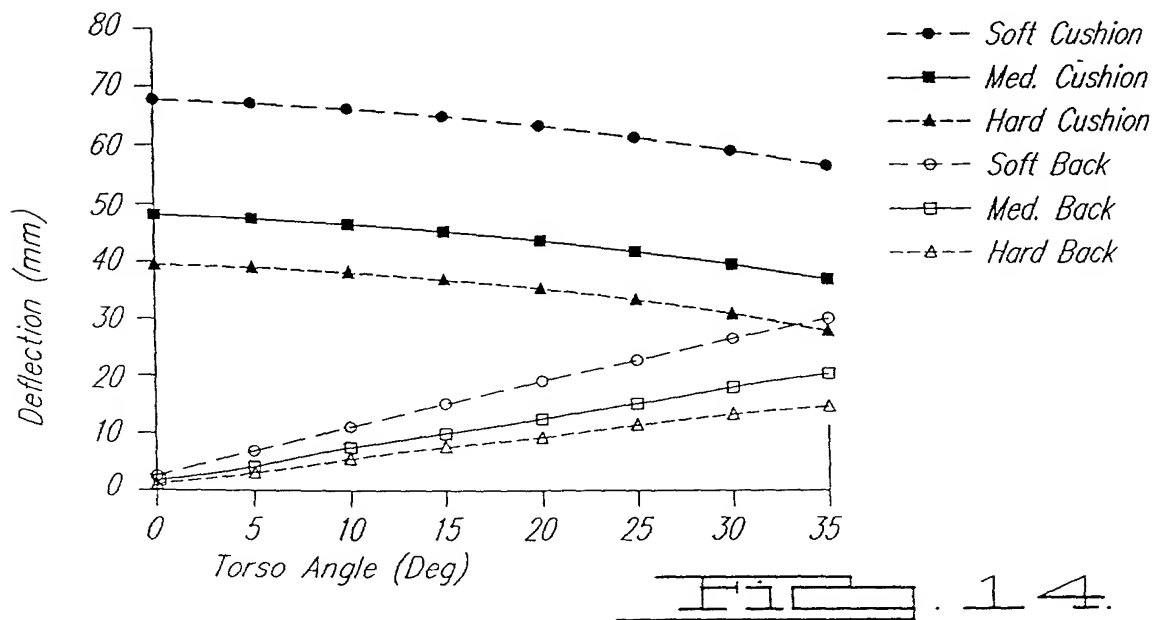


FIG. 12.

Representative Seat Cushion And Seat Back Deformation
For The 5th %ile NEUTRAL



Representative Seat Cushion And Seat Back Deformation
For The 50th %ile NEUTRAL



Representative Seat Cushion And Seat Back Deformation
For The 95th %ile NEUTRAL

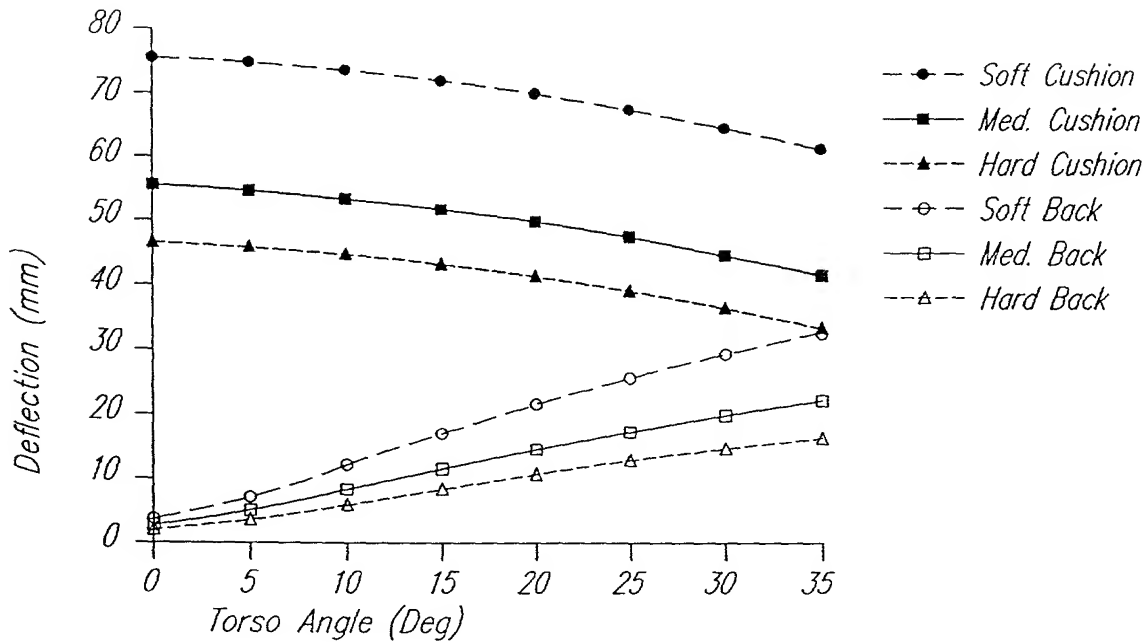


FIG. 15.

Representative Force Deflection Curve for Soft,
Medium And Hard Seats.

Values for medium seats are measured, values for soft and hard seats are estimated.

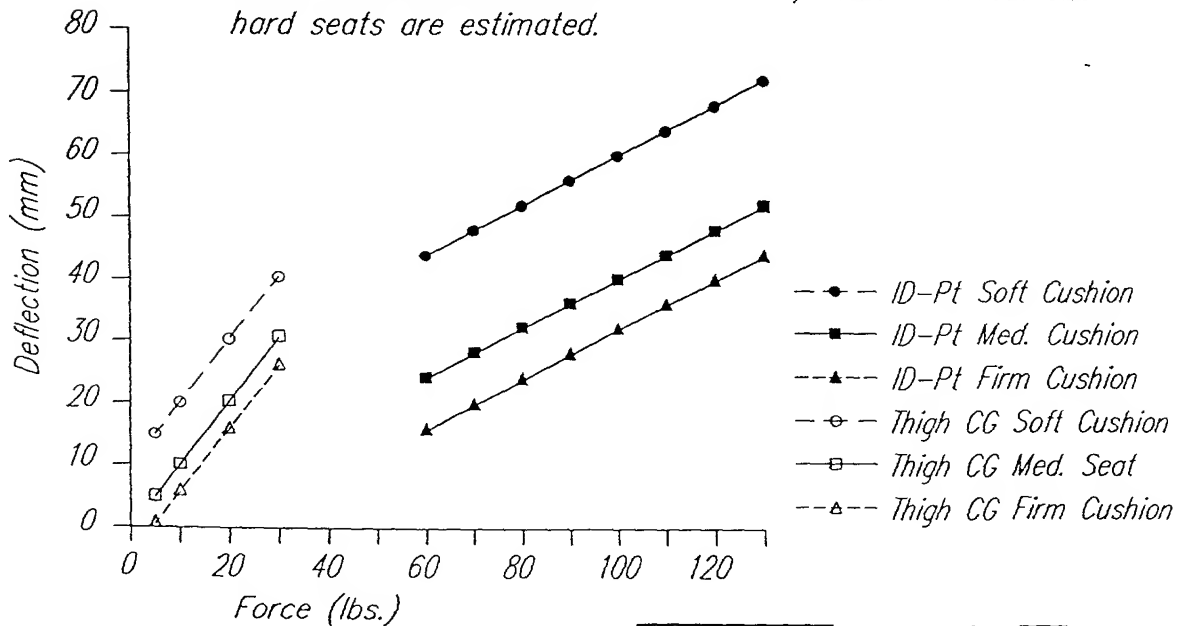


FIG. 16.

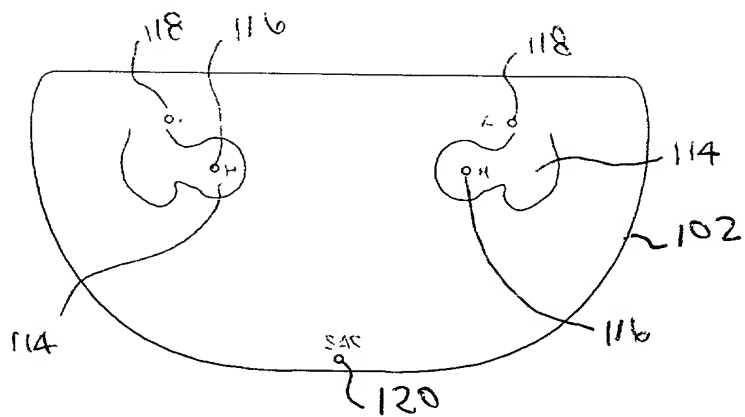


FIG. 17A

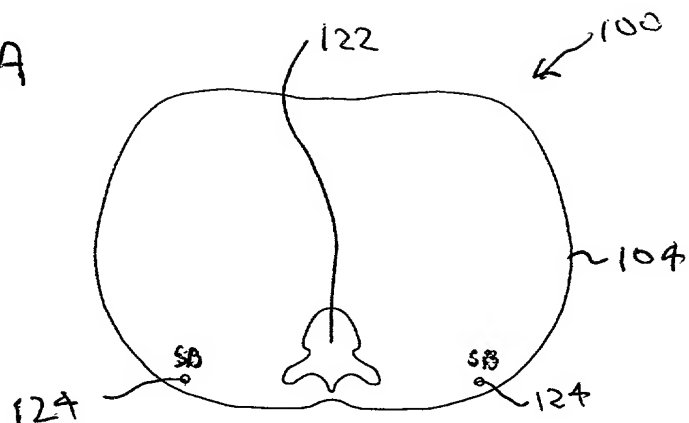


FIG. 17B

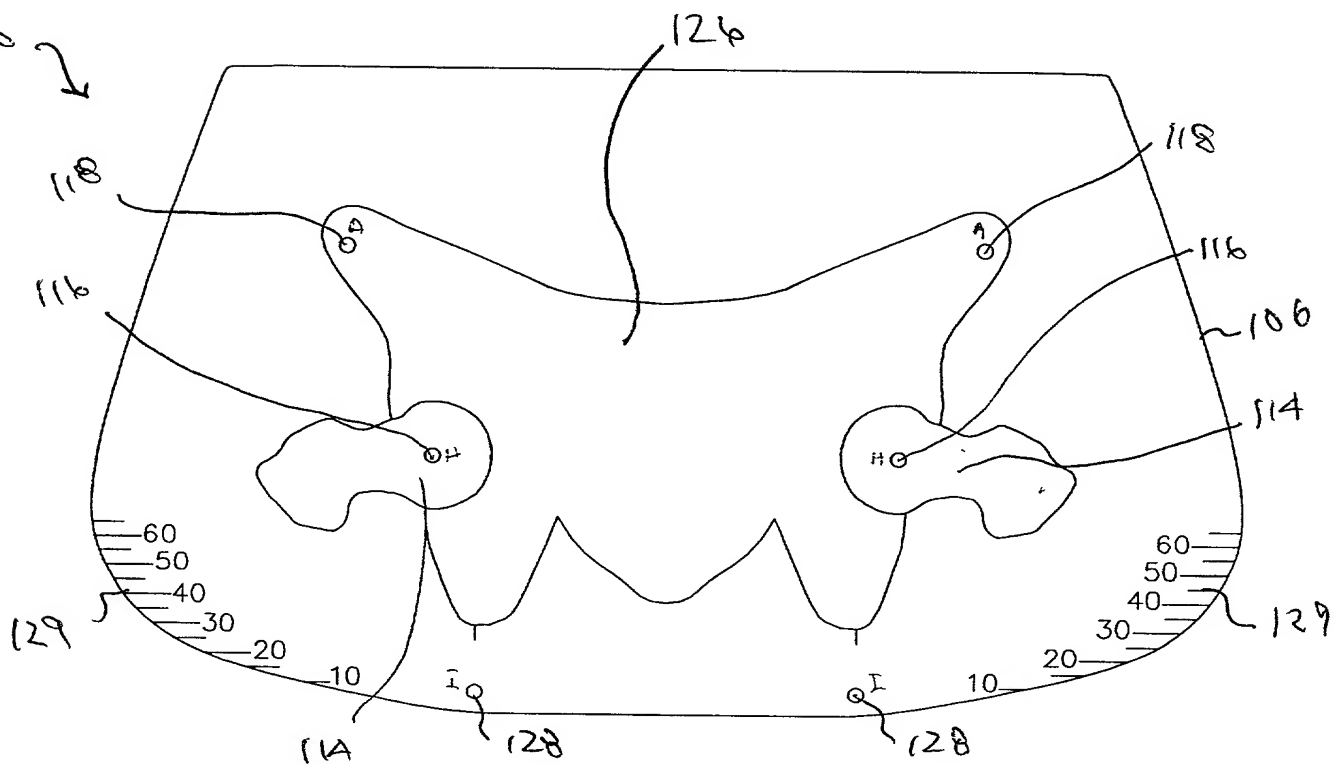
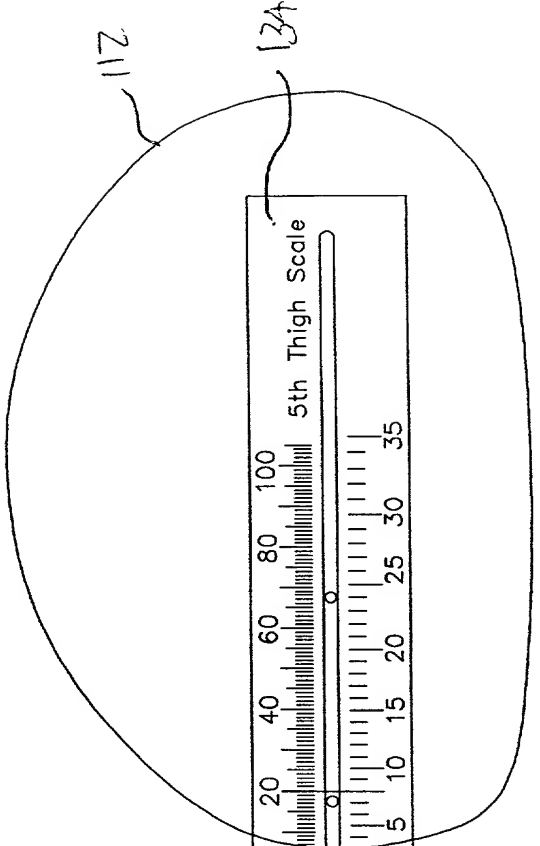
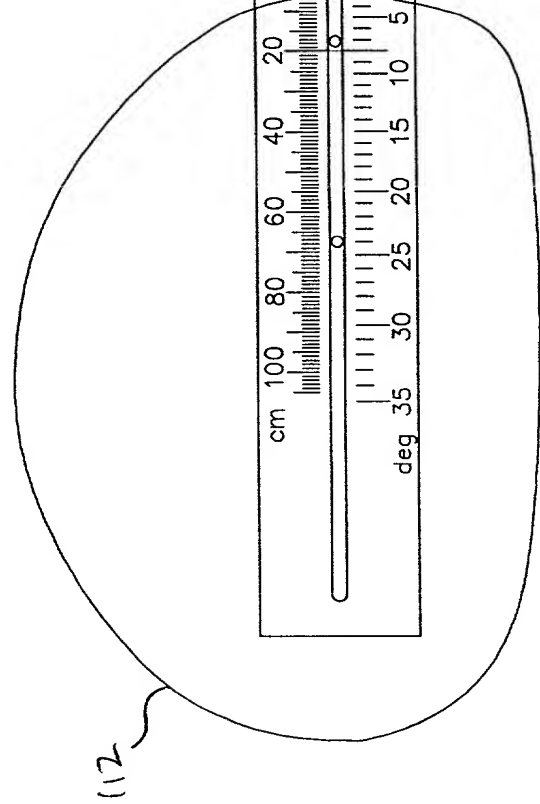
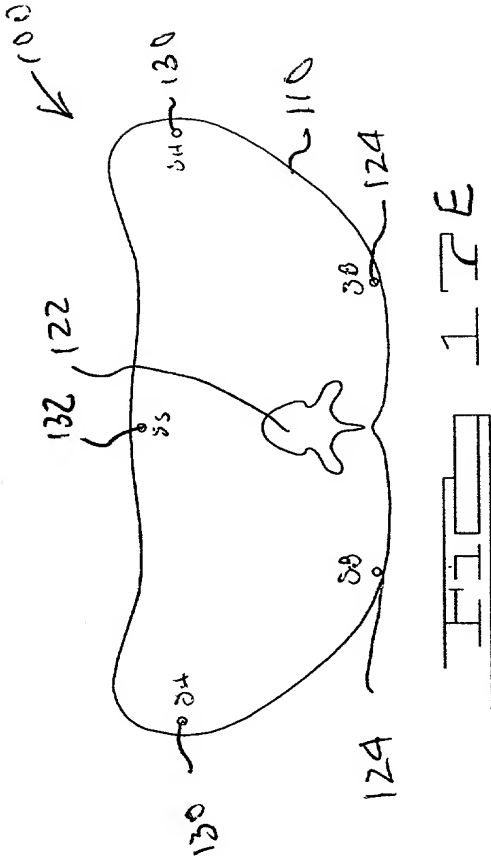
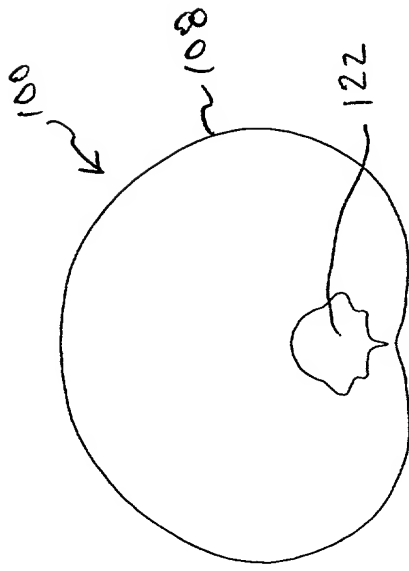
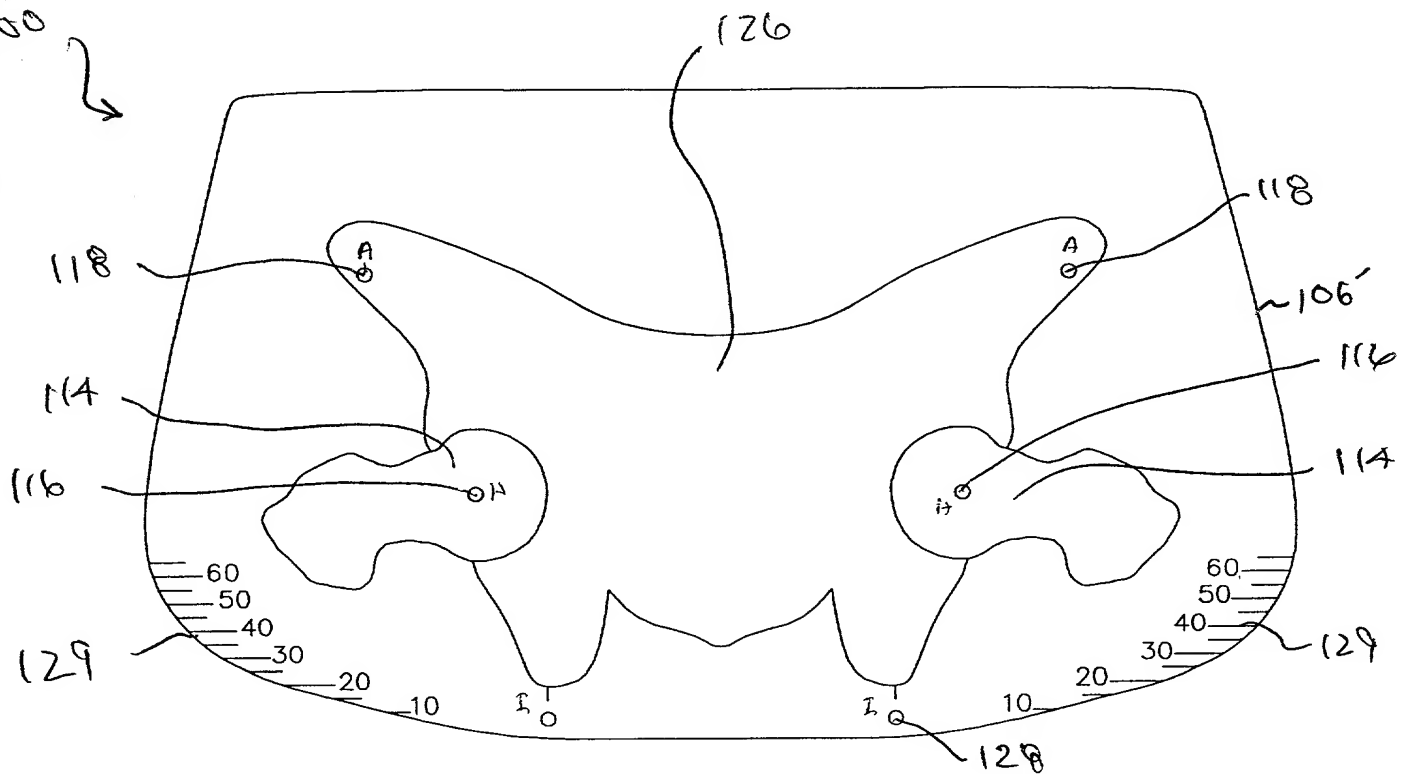
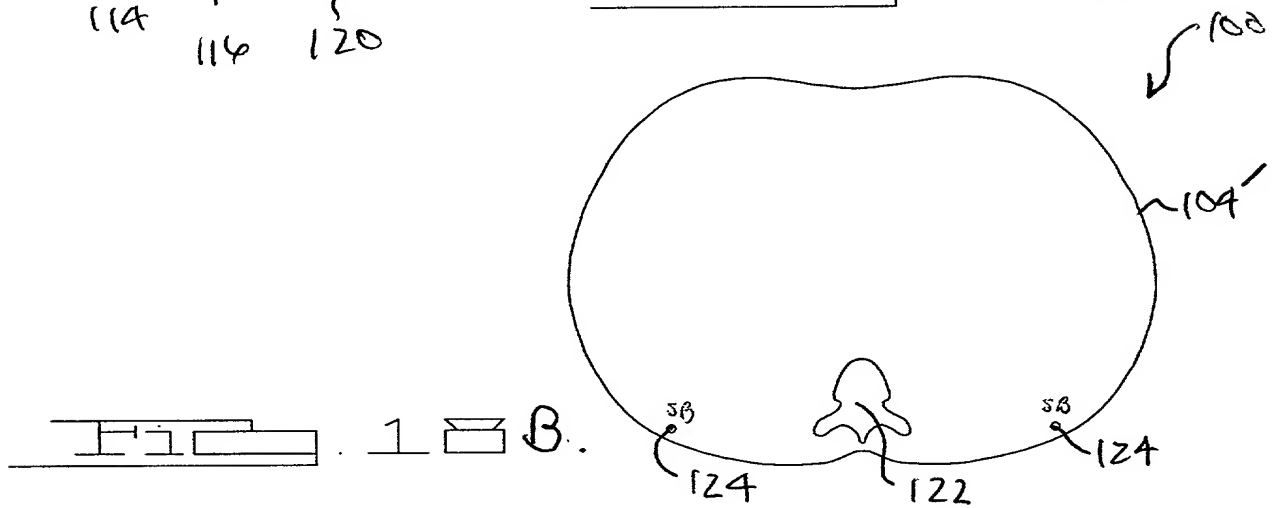
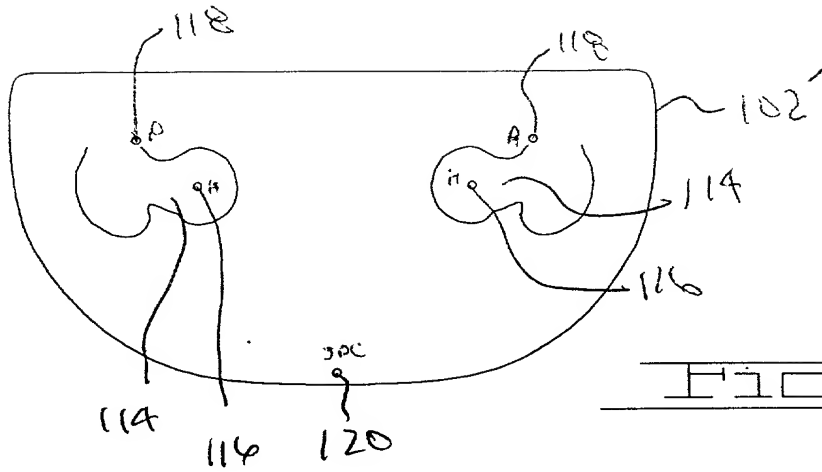


FIG. 17C







100

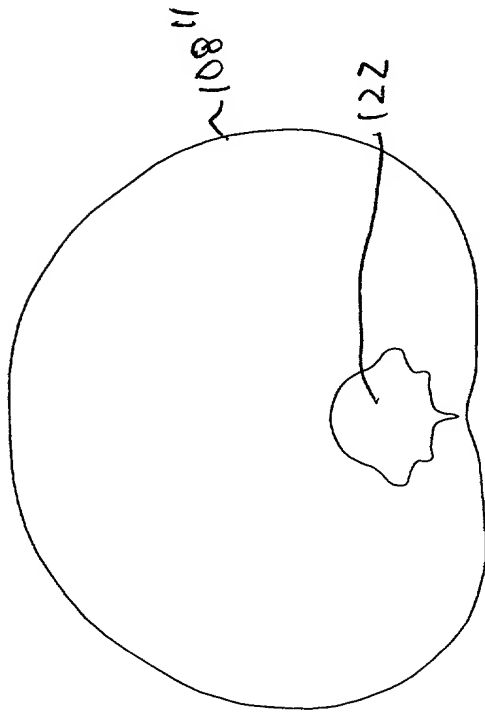
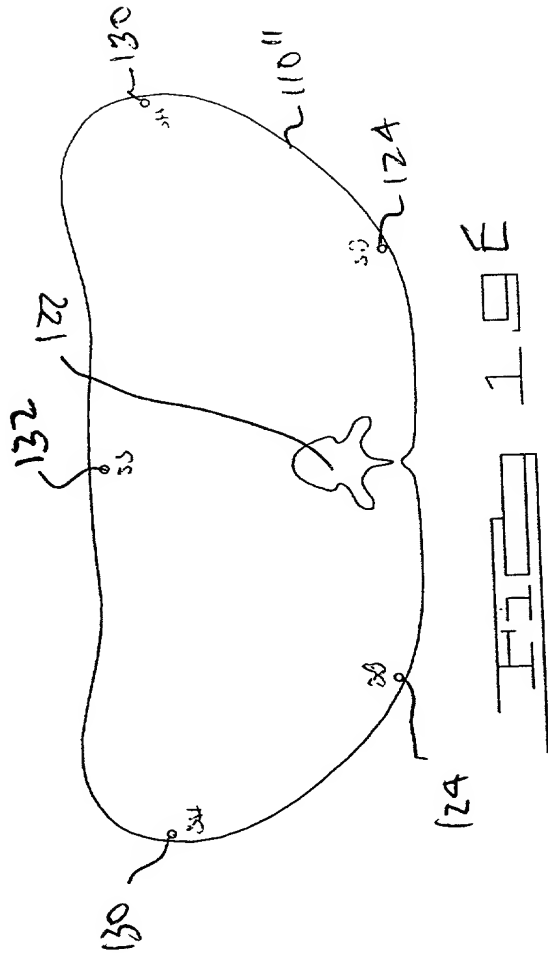


FIG. 100

100



100

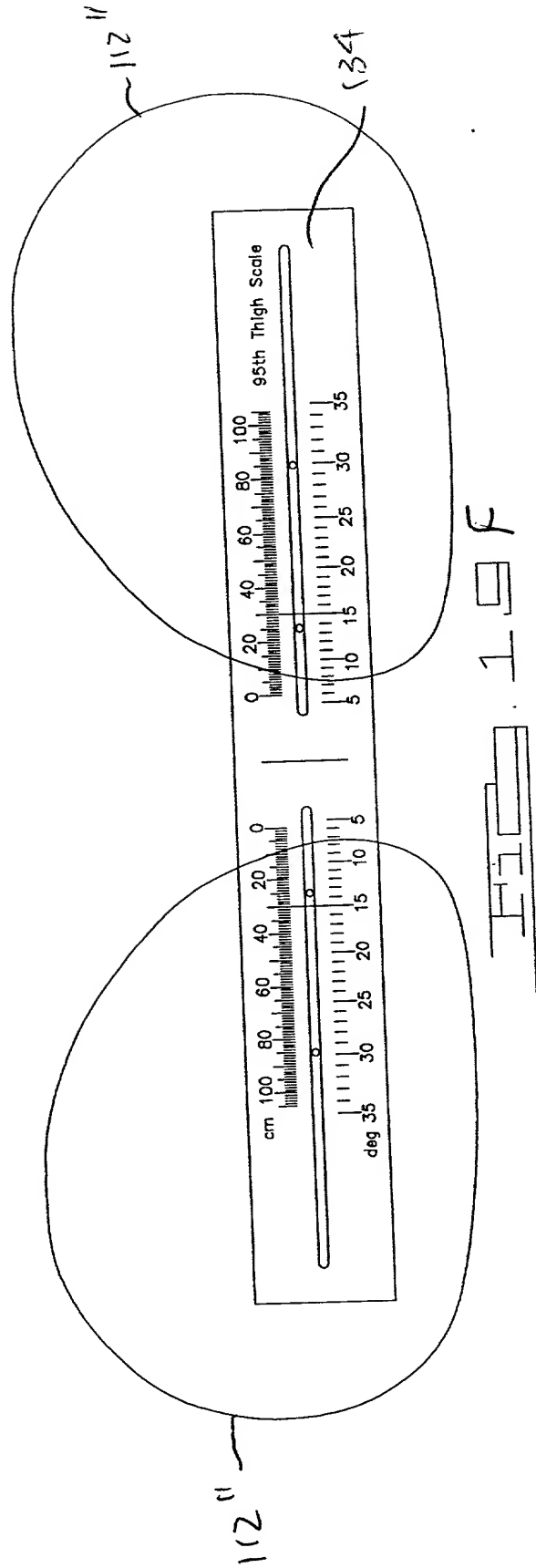
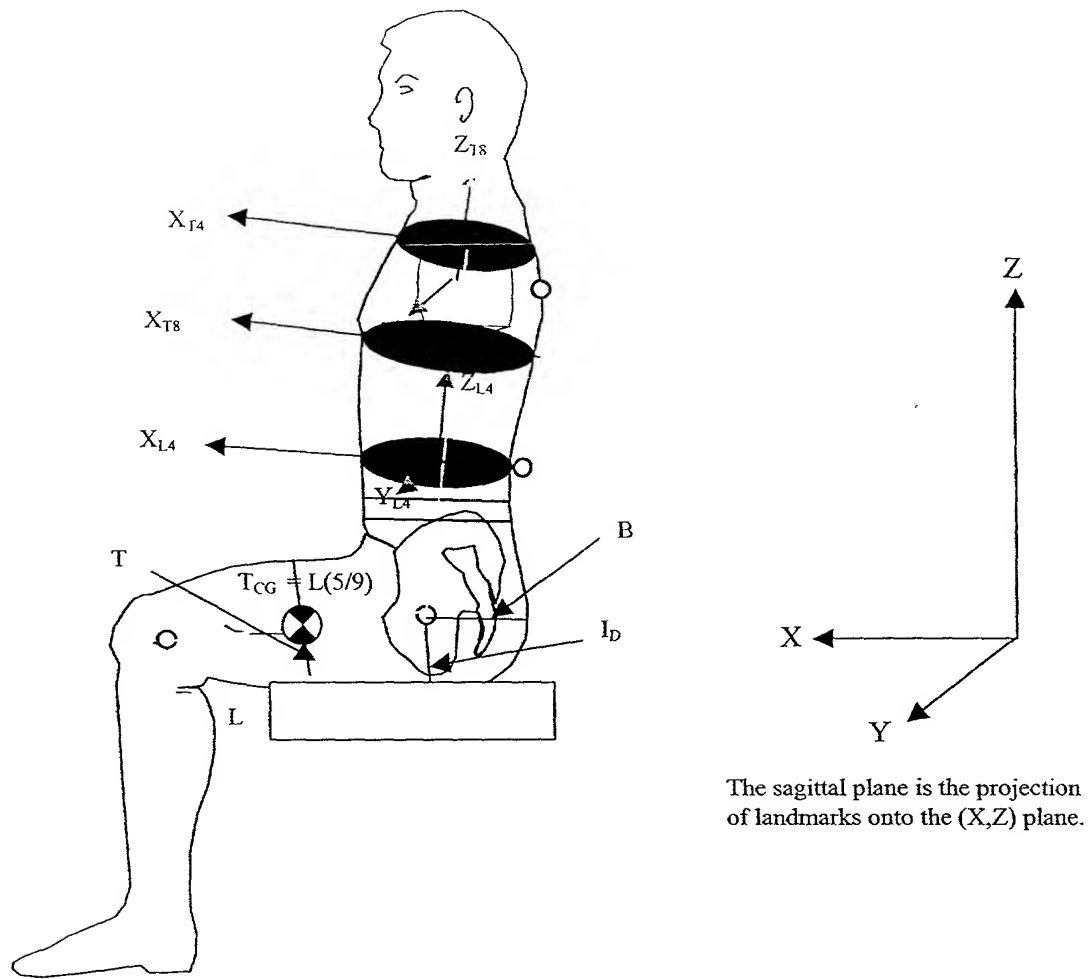


FIG. 100



Orientation of the cross-sections at T8 and L3.
2) I_D and T Cross Section

FIG. 20

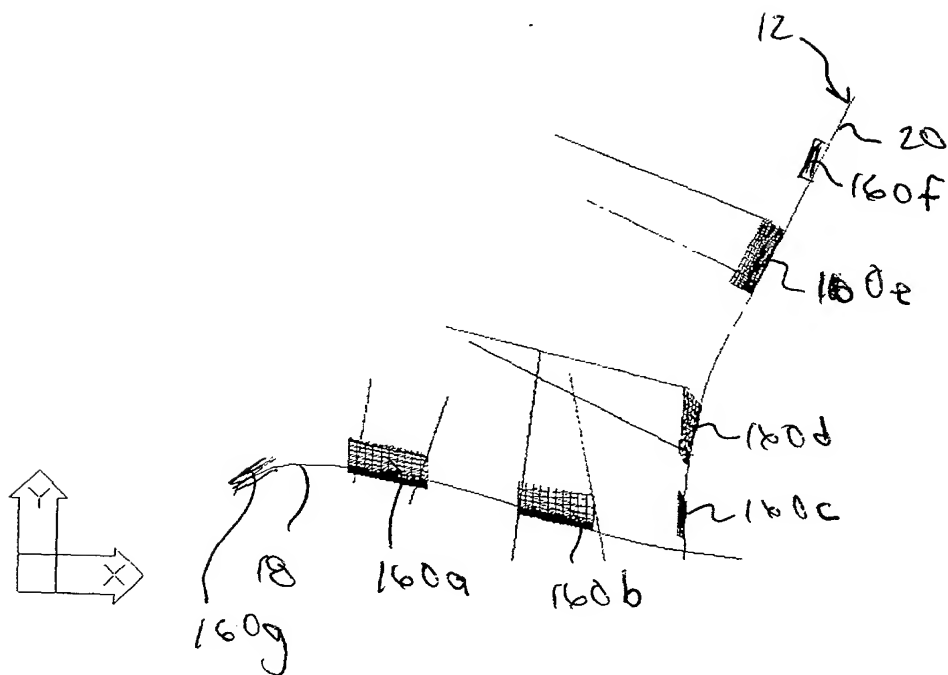
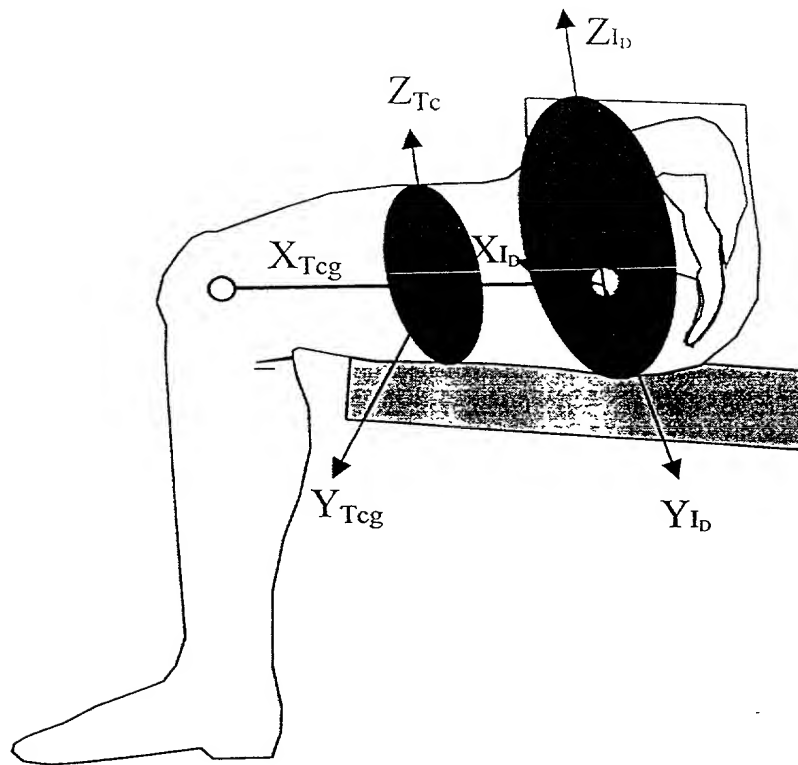
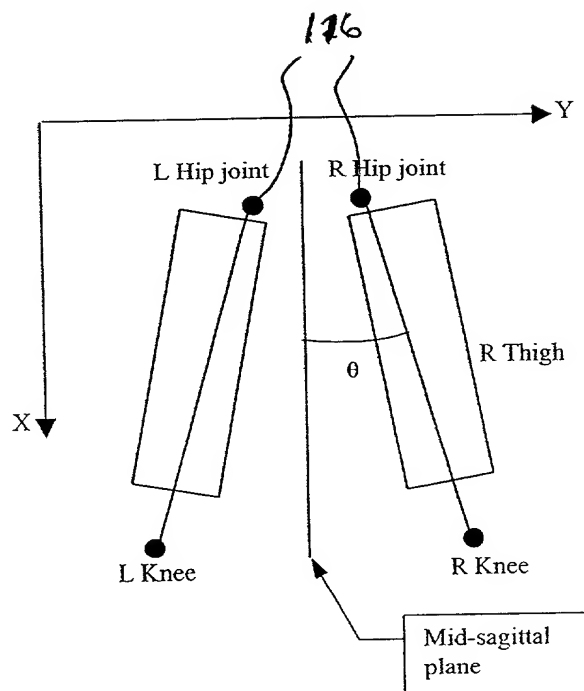


FIG 23



Thigh and I_D Cross Sections

FIG. 21



Thigh splay angle (θ)

FIG. 22

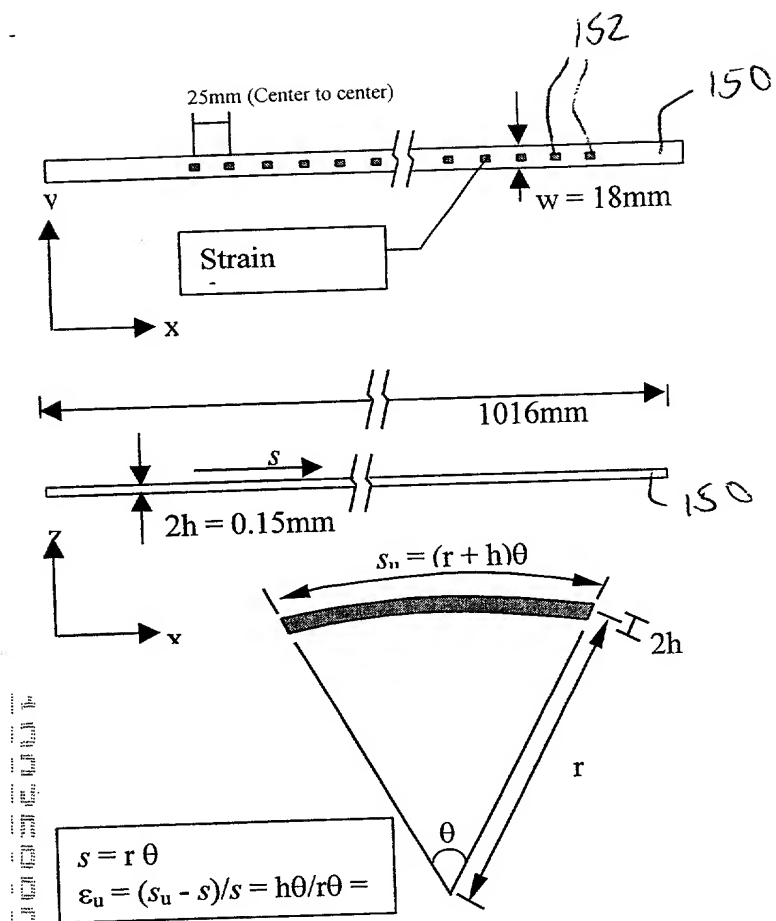


FIG. 24

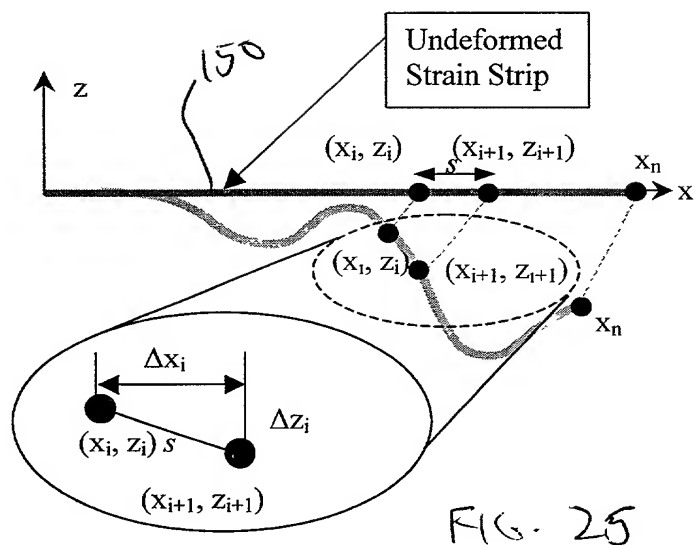


FIG. 25

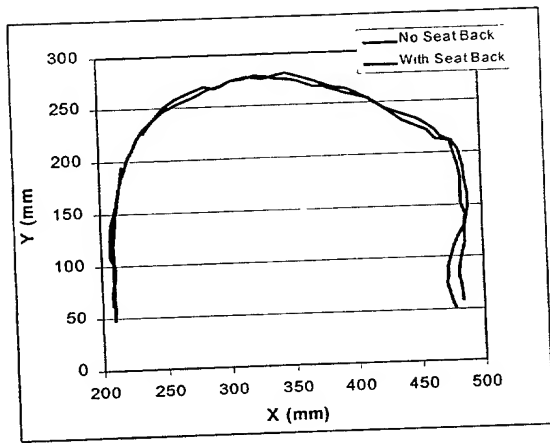


FIG. 26

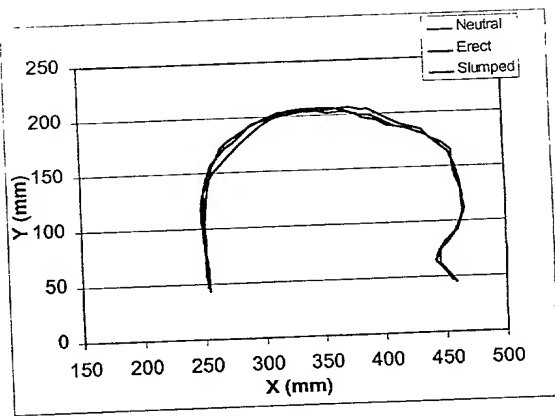


FIG. 27

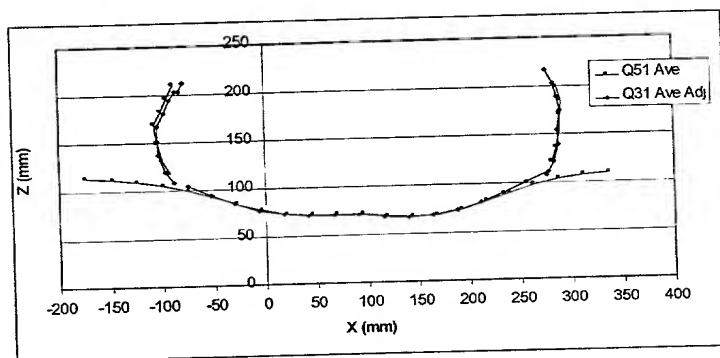


FIG. 28

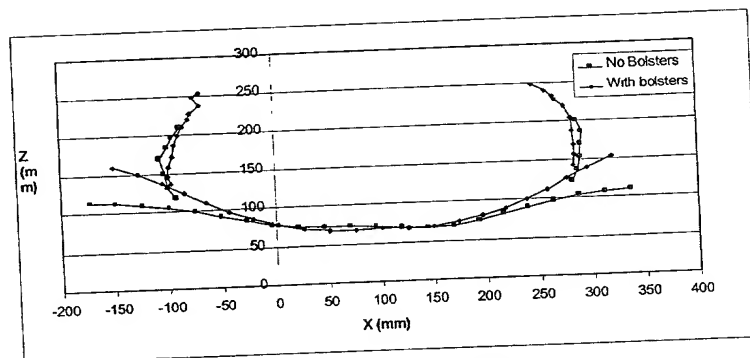


FIG. 29